Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

ATTENTION: MAIL STOP PATENT APPLICATION

Sir:

Transmitted herewith for filing is the patent application of

Inventor: Keith P. Bargroff

For: MIXER CIRCUIT WITH BYPASS AND MIXING MODES HAVING CONSTANT EVEN ORDER GENERATION AND METHOD OF OPERATION

Enclosed are:

- 5 sheets of drawings. (X)
- (X) Return prepaid postcard.

The present application qualifies for small entity status under 37 C.F.R. § 1.27. The fees are calculated below:

CLAIMS AS FILED				
FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
Basic Fee			\$385	\$385
Total Claims	47 - 20 =	27 ×	\$9	\$243
Independent Claims	6 - 3 =	3 ×	\$43	\$129
If application contains any multiple dependent claims(s), then add			\$145	\$0

FILING FEE TO BE PAID AT A LATER DATE

\$757

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MAIL STOP PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. :

RFMAGIC.004A

Applicant(s)

Keith P. Bargroff

For

MIXER CIRCUIT WITH BYPASS AND

MIXING MODES HAVING CONSTANT EVEN ORDER GENERATION AND

METHOD OF OPERATION

Attorney

Raymond B. Hom

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Date of Deposit

December 11, 2003

I hereby certify that the accompanying

Transmittal letter; Specification in 22 pages; 5 sheets of drawings; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA\(\chi^2\)22313-1430.

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